

## ABSTRACT

An electromechanical converter, in particular an electric variable transmission, is provided with a primary shaft (5) having a rotor (8) mounted thereon, a secondary shaft (7) having an interrotor (15) mounted thereon, and a stator (10), fixedly mounted to the housing (3) of the electromechanical converter. Viewed from the primary shaft (5) in radial direction, the rotor (8), the interrotor (15) and the stator (10) are arranged concentrically relative to each other. The rotor (8) and the stator (10) are designed with one or more mono- or polyphase, electrically accessible windings. The interrotor (15) forms one whole both mechanically and electromagnetically, and is arranged as a conductor for the magnetic flux in an at least tangential direction.